

IN THE CLAIMS:

1. (currently amended) A constant velocity fixed joint ~~in the form of a fixed joint with the following characteristics comprising:~~

an outer joint part ~~(12) which comprises~~ having a longitudinal axis $(L12)$, ~~as well as and~~ an attaching end and an aperture end positioned axially opposite one another, and ~~which is provided with~~ outer ball tracks $(22_1, 22_2)$;

an inner joint part ~~(13) which comprises~~ having a longitudinal axis $(L13)$, ~~and an attaching means mechanism~~ for a shaft pointing towards the aperture end of the outer joint part (12) and ~~which is provided with~~ inner ball tracks $(23_1, 23_2)$; the outer ball tracks and the inner ball tracks form pairs of tracks $(22_1, 23_1; 22_2, 23_2)$; which each ~~the pairs of tracks each~~ accommodate a torque transmitting ball $(14_1, 14_2)$; wherein each two adjoining pairs of tracks comprise outer ball tracks $(22_1, 22_2)$ whose ~~centre~~ center lines are positioned in planes $(E1, E2)$ which extend substantially parallel relative to one another, ~~as well as and~~ inner ball tracks $(23_1, 23_2)$ whose ~~centre~~ center lines are positioned in planes $(E1', E2')$ which extend substantially parallel relative to one another; and

an annular ball cage ~~(16) is positioned~~ between the outer joint part (12) and the inner joint part (13) and ~~comprises~~ comprising circumferentially distributed cage windows (17) which each accommodate the torque transmitting balls $(14_1, 14_2)$ of two of said adjoining pairs of tracks $(22_1, 23_1; 22_2, 23_2)$;

wherein, in an aligned joint, ~~the centres~~ centers (K_1, K_2) of the balls $(14_1, 14_2)$ are held by the ball cage (16) in the joint ~~centre~~ center plane (EM) and, when the joint is articulated, ~~they~~ the ball centers are guided onto the angle-bisecting plane between the longitudinal axes $(L12, L13)$ ~~[[;]]~~, and

wherein ~~the~~ track cross-sections of the outer ball tracks $(22_1, 22_2)$ and of the inner ball tracks $(23_1, 23_2)$ of each pair of tracks are symmetrical relative to axes of symmetry (ES_1, ES_2) which, together with the outer and inner ball track planes $(E1, E2, E1', E2')$, form identically sized angles (ϕ_1, ϕ_2) opening in opposite directions, and each comprise a common point (M, M') .

2.-13. (cancelled)